May be emailed to: <u>Melanie. Yanklowski@msdh.state.ms.us</u>

# MISSISSIPPI STATE DEPARTMENT OF HEALTH 2013 MAY 15 AM 8: 33 BUREAU OF PUBLIC WATER SUPPLY 2013 MAY 15 AM 8: 33 CCR CERTIFICATION FORM CALENDAR YEAR 2012

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List PWS ID #s for all Community Water Syste	
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The Federal Safe Drinking Water Act (SDWA) requires each Communi Consumer Confidence Report (CCR) to its customers each year. Deper system, this CCR must be mailed or delivered to the customers, published i customers upon request. Make sure you follow the proper procedures who of electronic delivery, we request you mail or fax a hard copy of the check all boxes that apply.	ty public water system to develop and distribute a ding on the population served by the public water in a newspaper of local circulation, or provided to the en distributing the CCR. Since this is the first year CCR and Certification Form to MSDH. Please
Customers were informed of availability of CCR by: (Attach co	opy of publication, water bill or other)
Advertisement in local paper (attach copy of a On water bills (attach copy of bill)  Email message (MUST Email the message to Other	the address below)
Date(s) customers were informed: $O(5)$ , $O(9)$	1 , 20113-1
CCR was distributed by U.S. Postal Service or other direct methods used	t delivery. Must specify other direct delivery
Date Mailed/Distributed:/_/	
CCR was distributed by Email (MUST Email MSDH a copy)  As a URL (Provide URL  As an attachment  As text within the body of the email message	
CCR was published in local newspaper. (Attach copy of published in local newspaper)	
Name of Newspaper: KANYIN County C	PUS:
Date Published: 05/09/2013	
☐ CCR was posted in public places. (Attach list of locations)	Date Posted: / /
☐ CCR was posted on a publicly accessible internet site at the fol	lowing address ( <u>DIRECT URL REQUIRED</u> ):
CERTIFICATION I hereby certify that the 2012 Consumer Confidence Report (CCR public water system in the form and manner identified above an the SDWA. I further certify that the information included in this the water quality monitoring data provided to the public wat Department of Health, Bureau of Public Water Supply.  Name/Title (President, Mayor, Owner, etc.)	d that I used distribution methods allowed by CCR is true and correct and is consistent with
Deliver or send via U.S. Postal Service: Bureau of Public Water Supply P.O. Box 1700 Jackson, MS 39215	May be faxed to: (601)576-7800 May be emailed to:
·	3 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7

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# 2012 Annual Drinking Water Quality Report Southern Rankin Water Association PWS#: 0610024 **April 2013**

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is from two well drawing from the Sparta Sand Aquifer.

If you have any questions about this report or concerning your water utility, please contact George Loftin at 601-941-3789. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the second Monday of each month at 6:30 PM at the office located at 2038 HWY 49 S, Florence, MS.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identify potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the Southern Rankin Water Association have received a lower susceptibility ranking to contamination.

We routinely monitor for constituents in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that we detected during for the period of January 1<sup>st</sup> to December 31<sup>st</sup>, 2012. In cases where monitoring wasn't required in 2012, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming, pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) - The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) - The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

				TEST RES	SULTS			
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure- ment	MCLG	MCL	Likely Source of Contamination
Inorganic	Contami	inants						
Inorganic			1	I =	Г			
Inorganic  10. Barium	Contami	2010*	.001	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries erosion of natural deposits

14. Copper	N	2009/11*	.1	0	ppm		1.3	AL=1	<ul> <li>Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives</li> </ul>
16. Fluoride	N	2010*	.164	.149164	ppm	-	4		4 Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2009/11	1	0	ppb		0	AL=1	5 Corrosion of household plumbing systems, erosion of natural deposits
21. Selenium	N	2010*	2.5	No Range	ppb		50	5	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
Disinfectio	n By-	Products	37	No Dongo	I nah	0		eo I	Du Droduct of district water
	IN	2012	37	No Range	ppb	U		60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2012	53.4	No Range	ppb	0			By-product of drinking water chlorination.
Chlorine	N	2012	1.60	1.20 - 2.4	ppm	0	MDF		Water additive used to control

<sup>\*</sup> Most recent sample. No sample required for 2012.

As you can see by the table, our system had no contaminant violations. We're proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that some constituents have been detected however the EPA has determined that your water IS SAFE at these levels.

We are required to monitor your drinking water for specific constituents on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. We did complete the monitoring requirements for bacteriological sampling that showed no coliform present. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our Water Association is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 601.576.7582 if you wish to have your water tested.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline 1-800-426-4791.

# \*\*\*\*\*April 1, 2013 MESSAGE FROM MSDH CONCERNING RADIOLOGICAL SAMPLING\*\*\*\*\*

In accordance with the Radionuclides Rule, all community public water supplies were requires to sample quarterly for radionuclides beginning January 2007 – December 2007. Your public water supply completed sampling by the scheduled deadline; however, during an audit of the Mississippi State Department of Health Radiological Health Laboratory, the Environmental Protection Agency (EPA) suspended analyses and reporting of radiological compliance samples and results until further notice. Although this was not the result of inaction by the public water supply, MSDH was required to issue a violation. This is to notify you that as of this date, your water system has completed the monitoring requirements and is now in compliance with the Radionuclides Rule. If you have any questions, please contact Karen Walters, Director of Compliance & Enforcement, Bureau of Public Water Supply, at 601.576.7518.

The Southern Rankin Water Association works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

#### PROOF OF PUBLICATION

## RANKIN COUNTY NEWS • P.O. BOX 107 • BRANDON, MS 39043

## STATE OF MISSISSIPPI COUNTY OF RANKIN

THIS <u>8TH</u> DAY OF <u>MAY</u>, 2013, personally came Marcus Bowers, publisher of the Rankin County News,

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	SHARWA	201	2 Annual	Drinkina Wi	eler Quality F	AC.
North Park					ter Association	
						600
				PWSP 061	UU24	37.4

With pleased to present to you the year's Annual Quality When Please. This report is designed to shirm you about the quality weter an services we defend by our every day. Our consists goal it to provide you will a sale and dependation supply of declarg source, We seen reported to the provide we will be referred to the provided our resear response. We are continued in the provided our resear response. We are continued to the provided our resear response. We are continued to the provided our resear response. We are continued to the provided our research to the p

If you have any questions about this report or concerning your water citizy, please contact George Lottin at 801-941,51759. We want our values customers to be informed about their water citizy. If you went to been more, please attend any of our regularly achievated sparkings. They are

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is the table you will find many terms and abbreviously you might not be familiar with. To help you before projectional those terms we've provided the licitoring debilional.

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Minimum Contentional Lower (MCQ). The "Nationan Allowed" (MCQ) is the highest level of a contentional that is allowed in chicking small.

MCLs are of an observable to be MCCLO as identified using the best involved inscribed byshorted speciment byshorted.

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On properly sink high MCCO allowed for sanging of sistery.

Audition Residue Dissiptions (ever (ARCI) - The Indipast level of a discillation allowed in directing scales? There is commissing excess that edition of a distriction in enteresting or control microbial contemparen.

Maximum Resistors Description Level Goal (MRDLG) —The level of a divolving restor distribution below which there is no scoten or a gardes of health. MRDLOs do not reflect the barriers of the use of descriptions to control responsibilities contaminately.

Parts per milion (ppm) or Mayrams per libr (mg/l) - one part per shallon consequents to one strough in two years or a single penny in \$10,000

				TEST RE	SULTS			
Contaminant	Victation Yes	Collected	Level Detected	Range of Detect or 8 of Surging Excepting SICUACI.	Link Measure- spani	MCLO	MOL	Ukeh Source of Contemission
Inorganic	Contan	unants						
10. Barken	N	5010.	.001	No Runge	pen	2	2	Discharge of dolling wastes, discharge from matel rednesses erceion of natural deposits
13. Chrymium	и	2010	3.7	26-17	ppb	100	100	Discharge from start and pulp prilist excessor of captural deposit
14. Copper	l N	2009/117	1	0	spm.	1.3	AL+1.3	Compains of hostshold psychia systems; arction of natural deposits; leaching from acod conservatives
16. <del>Fluoride</del>	**	20107	.164	.149164	pera	•		Entation of autural deposits, we address which promotes strong teeth; checkurge from familiars and alumnum factories.
17. Lead	H	5000,11.	,	٥	ppt .	0	AL+15	Company of household plants systems, erosion of natural deposits
21. Selentum		2010*	25	No Range	ppb	50	•	Discharge from patroleum and metal reference, erceion of autoria deposits, discharge from mines
Disinfectio	n By-P	roducts						
61. HA45	14	2012 3	7 P	o Rainge.	<b>*</b>	0	60 B	y-Product of divising water
R2. TTHIN (Total (National)	19	2012 5	34 1	o Rasge ,	φ. <u> </u>	0	80 B	labelocitics y-pythological policinalisty session Noticestation
Chicago	N Daniel	2012 1	80	20-24	complication states	in the		

As you can see by the bable, our system had no contamined vicializes. We're possed that your detecting water month or accordant all Passed is State recognitionates, We have learned through our monitoring and leasing that some considerant have foun collected however for EPA in determined half you variety ESAPE a bloom levels.

We are required to scorbor your dictions water for specific contributed on a monthly basis. Recursts of regular monitoring was an indicator or whether or not our contribute water mode hasten standards. We did complete the monitoring requirements for bacterizagical tampling the showest to college reports. It is not but to expense systems complete all monitoring requirements, but DUIT has recorded registered a law present.

If present, we make the set of least of an inside service hashing between species of programme common of your globals, bodd in realizing an expression programme of the present programme of the programme of the programme of the programme of the programme. One there is no provided by a make of the programme of th

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The Southern Rankh Weer Association works around the clock to provide loo guildy rester to every lap. We salt that all our costomers help as protect our veiter accross, which are the beant of our community, our very of \$6 and our children's februs. a weekly newspaper printed and published in the City of Brandon, In the County of Rankin and State aforesaid, before me the undersigned officer in and for said County and State, who being duly sworn, deposes and says that said newspaper has been published for more than 12 months prior to the first publication of the attached notice and is qualified under Chapter 13-3-31, Laws of Mississpip. 1936, and laws supplementary and amendatory thereto, and that a certain

ANNUAL DRINKING WATER QUALITY REPORT

SOUTHERN RANKIN WATER ASSOCIATION

a copy of which is hereto attached, was published in said newspaper One (1) week, as follows, to-wit:

Vol 165 No. 42 on the 8th day of May, 2013

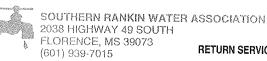
Marcus Bowers

MARCUS BOWERS, Publisher

Sworn to and subscribed before me by the aforementioned Marcus Bowers this  $\underline{8th}$  day of May, 2013

Anxees) Longer Notary Public FRANCES CONGER My Commission Expires: January 25, 2014

PRINTER'S FEE



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The office will be closed Monday May 27, 2013 for Memorial Day.

14.74

The CCR report for Southern Rankin Water Assc.Inc. will be in the Rankin County Paper the Week of May 9, for your review. Jerinda Mangum 122 Hicks Ct Florence MS 39073-